CLAIMS

	1.	A latching apparatus comprising:
		a post member defining,
5		an elongated axis,
		an elongated, laterally extending latching
		surface defined at an outer radius from
		said axis, and
		an elongated, laterally extending
10		releasing surface defined at an inner
		radius from said axis, wherein said
		outer radius is greater than said inner
		radius;
		a latching assembly defining a passage for
15		receiving said post member and including a
		grip means extending at least partially into
		said passage for,
		effecting a grip between said post member
		and said latching assembly when said
20		grip means engages said latching
		surface, and
		releasing said grip between said post
		member and said latching assembly when
		said grip means engages said releasing
25		surface; and
		a moving means for,
		moving said latching surface into
		engagement with said grip means,
		whereby said grip is effected between
30		said post member and said latching
		assembly, and
		moving said releasing surface into
		engagement with said grip means,
		whereby said grip is released between
35		said post member and said latching

assembly.

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- Apparatus of Claim 1, wherein said releasing surface defines a smooth surface.
- Apparatus of Claim 1, wherein said latching surface defines a notched surface.
- 4. Apparatus of Claim 3, wherein said notched surface includes, at least, a plurality of teeth.
 - 5. Apparatus of Claim 1, wherein said grip means includes, at least, a ball, and
- wherein said latching means further comprises,
 an inner shell defining said passage and
 further defining a radial opening in
 said inner shell, wherein said ball is
 located in and radially movable within
 said radial opening,
 - an outer shell positioned outside said inner shell, wherein said inner shell is axially slidable in a first direction and a second direction with respect to said outer shell, said outer shell including, at least, a tapered portion defining a tapered inner surface adjacent to said ball, and
 - a biasing means for biasing said inner shell axially in said first direction such that said ball is biased into engagement with said tapered inner surface, whereby said ball is biasly urged radially inwardly into said passage, wherein said biasing means

accommodates movement of said inner shell in said second direction to accommodate radial movement of said ball out of said passage.